



**Phillips Flat Head**  
**Hi-Low Thread, Sharp Point**  
**Bronze Dagger-Guard Coating™**



Size	TPI	Part #	QTY / Carton	Drive	Drill Bit Size	Usable Drill Length
3/16 x 2-1/4"	16	CONCTF0316214BRZ	2,500	#2 Phillips	5/32 x 4-1/2"	2-1/4"
3/16 x 2-3/4"	16	CONCTF0316234BRZ	1,500	#2 Phillips	5/32 x 4-1/2"	2-1/4"
3/16 x 3-1/4"	16	CONCTF0316314BRZ	1,500	#2 Phillips	5/32 x 5-1/2"	3-1/4"

**material:** C1022 Low Carbon Steel, Core Hardness: HRC32-40

**finish:** Dagger-Guard Coating™ is a three layer, multi step dip/spin/bake process which provides 1000 hour salt spray corrosion resistance

**application:** Wood to metal or un-cracked concrete, hollow block CMU, or grouted hollow block CMU

**installation:** Drill the hole using a standard carbide drill bit with the proper diameter. Do not use a hammer drill. Concrete and grouted CMU - drill the hole 1/4" deeper than recommended embedment. Hollow CMU - drill the hole through the full thickness of the face shell. Drive until fully seated, do not overdrive the anchor.

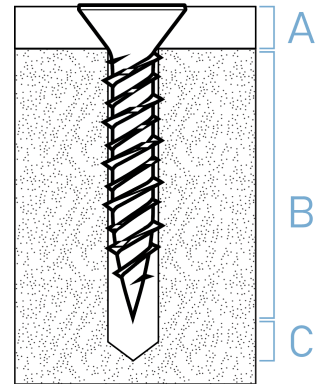
**Meet or exceeds the following specifications:**

NOA No. 22-0302.02



<b>ASTM A510</b>	Specification for general requirements for carbon steel wire rods (Minimum grade 1018)
<b>ASTM B117</b>	Standard practice for operating salt spray (fog) apparatus
<b>ASTM G85</b>	Standard practice for modified salt spray (fog) testing, annex 5 dilute electrolyte cyclic fog dry test
<b>ASTM E488</b>	Strength of anchors in concrete elements

Anchor Diameter	Drill Bit Diameter	Substrate	H <sub>nom</sub> (in.)	Min. Spacing (in.)	Min. Edge (in.)	PSI	Allowable Load (lbf)	
							Tension	Shear
3/16"	5/32"	Concrete	1-3/4"	1"	1-1/2"	2600	310	225
		UngROUTED CMU	1-1/4"	1-1/8"	1-1/2"	2250	75	135
		Grouted CMU	1-3/4"	3"	1-1/4"	2500	190	175
			1-3/4"	3"	2-1/2"	2500	205	175



CONCTFBRZ | Revision 1.0 | 09.03.25

A = fixture being attached | B = embedment | C = 1/4" minimum | B + C = depth of hole drilled